



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Curv-A-Tech Corporation  
930 W. 23<sup>rd</sup> Street  
Hialeah, FL 33010

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "940" Aluminum Horizontal Rolling Window - L.M.I.

**APPROVAL DOCUMENT:** Drawing No. W07-59, titled "Series-940 Alum. Horizontal Rolling Wdw. (LMI.)", sheets 1 through 4 of 4, dated 08/06/07, with revision C dated 07/13/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 12-0416.11 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P. E.



*MP*  
7/16/15

NOA No. 15-0409.14  
Expiration Date: September 27, 2017  
Approval Date: July 23, 2015  
Page 1

**Curv-A-Tech Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

**B.**

1. Manufacturer's die drawings and sections.  
*(Submitted under NOA No. 07-0813.08)*
2. Drawing No. **W07-59**, titled "Series-940 Alum. Horizontal Rolling Wdw. (LMI)", sheets 1 through 4 of 4, dated 08/06/07, with revision **C** dated 07/13/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**C. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of a horizontal rolling window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5262**, dated 07/14/07, signed and sealed by Carlos S. Rionda, P.E.  
*(Submitted under NOA# 07-0813.08)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC 5<sup>th</sup> Edition (2014)**, dated 02/26/15 and 07/13/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with **ASTM E1300-09**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.
2. Notice of Acceptance No. **13-0909.10** issued to **Polymer Extrusion Technology, Inc. dba Glasslam** for their "**Glasslam Safety-Plus II Glass Interlayer**" dated 10/03/13, expiring on 08/07/18.
3. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0409.14

Expiration Date: September 27, 2017  
Approval Date: July 23, 2015

**Curv-A-Tech Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC 5<sup>th</sup> Edition (2014)** and of no financial interest, dated February 17, 2015, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Laboratory compliance letters for Test Report No. **FTL-5262**, dated 07/17/07, issued by Fenestration Testing Laboratory, Inc., signed and sealed by Carlos S. Rionda, P.E.  
*(Submitted NOA No. 07-0813.08)*

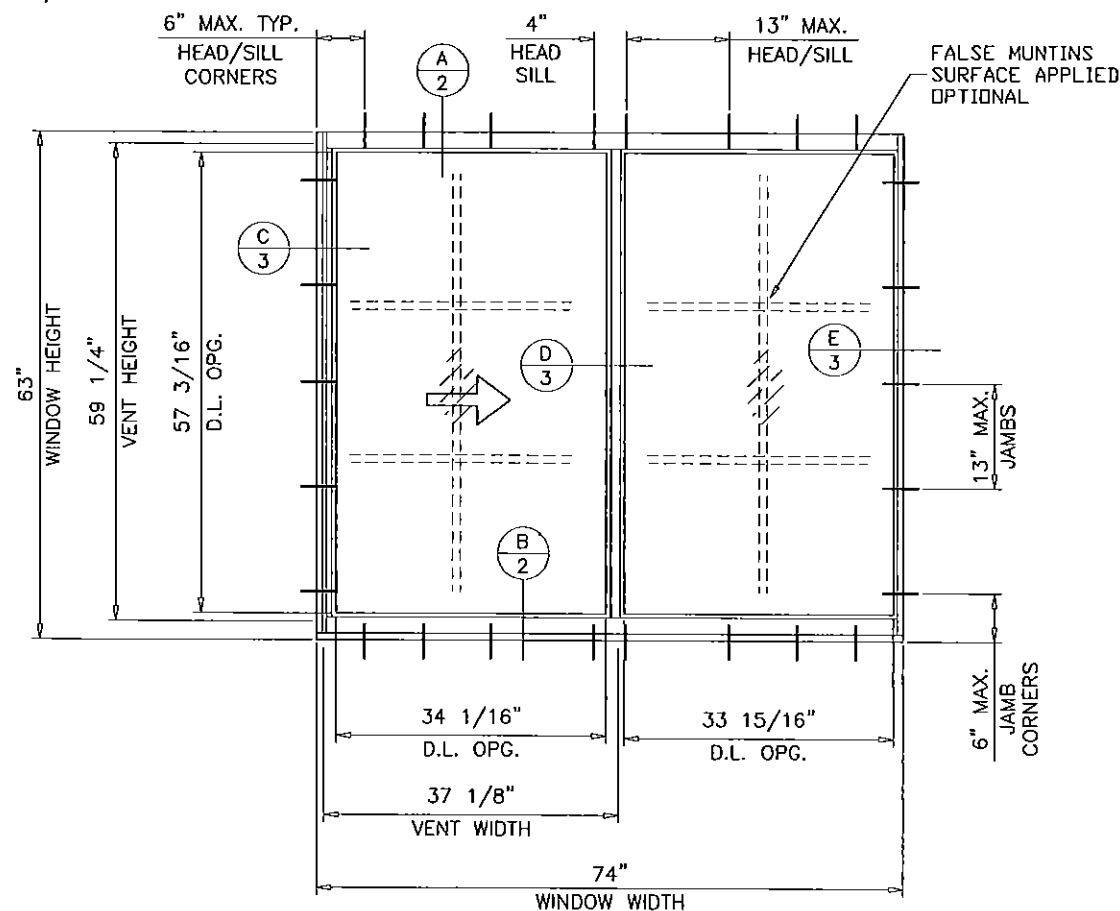
**G. OTHERS**

1. Notice of Acceptance No. **12-0416.11**, issued to Curv-A-Tec Corporation for their Series "940" Aluminum Horizontal Rolling Window - L.M.I., approved on 07/19/12 and expiring on 09/27/17.



Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 15-0409.14

Expiration Date: September 27, 2017  
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**TYPICAL ELEVATION**  
TESTED UNIT

## SERIES-940

### ALUMINUM HORIZONTAL SLIDING WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

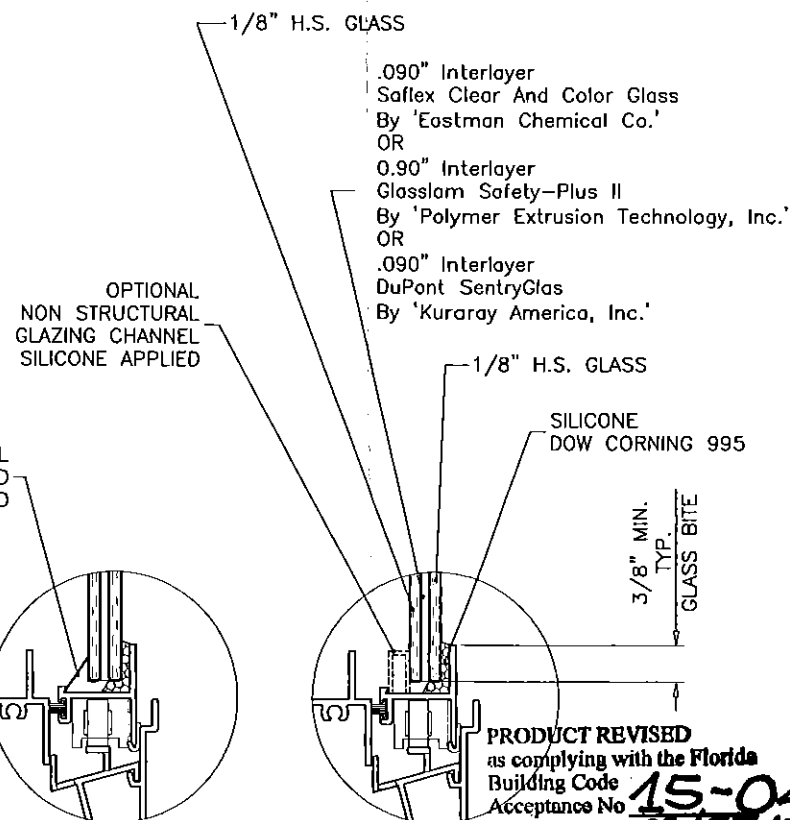
ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.



**GLAZING DETAIL**

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

DESIGN LOAD CAPACITY - PSF (XO OR OX SIZES)					
WINDOW DIMS.		WITHOUT SHEAR CLIP		WITH SHEAR CLIP	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
26-1/2"	26"	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	70.0
53-1/8"		70.0	70.0	70.0	70.0
74"		70.0	70.0	70.0	70.0
26-1/2"	38-3/8"	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	70.0
53-1/8"		70.0	70.0	70.0	70.0
74"		70.0	70.0	70.0	70.0
26-1/2"	50-5/8"	70.0	70.0	70.0	70.0
37"		70.0	70.0	70.0	70.0
53-1/8"		68.7	68.7	70.0	70.0
74"		58.7	58.7	70.0	70.0
26-1/2"	63"	70.0	70.0	70.0	70.0
37"		65.5	65.5	70.0	70.0
53-1/8"		49.7	49.7	70.0	70.0
74"		40.4	40.4	70.0	70.0
24"	24"	70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
60"		70.0	70.0	70.0	70.0
72"	36"	70.0	70.0	70.0	70.0
24"		70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0
48"		70.0	70.0	70.0	70.0
60"	48"	70.0	70.0	70.0	70.0
72"		65.4	65.4	70.0	70.0
24"	60"	70.0	70.0	70.0	70.0
36"		70.0	70.0	70.0	70.0
48"		57.2	57.2	70.0	70.0
60"		49.2	49.2	70.0	70.0
72"	72"	44.3	44.3	70.0	70.0

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

THIS NOA IS NOT VALID WITHOUT CORPORATE SEAL OF CURV-A-TECH CORPORATION AND A LABEL AFFIXED.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0409-14  
Expiration Date 09/27/2018  
By *Manuel Perez*  
Miami Dade Product Control

Engr: JAVAD AHMAD  
CML  
FLA. PE # 70592  
C.A.N. 3538

JUL 14 2015

**afC**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 262-6978  
FAX. (305) 264-8100  
COMP-ANL\W07-59CC

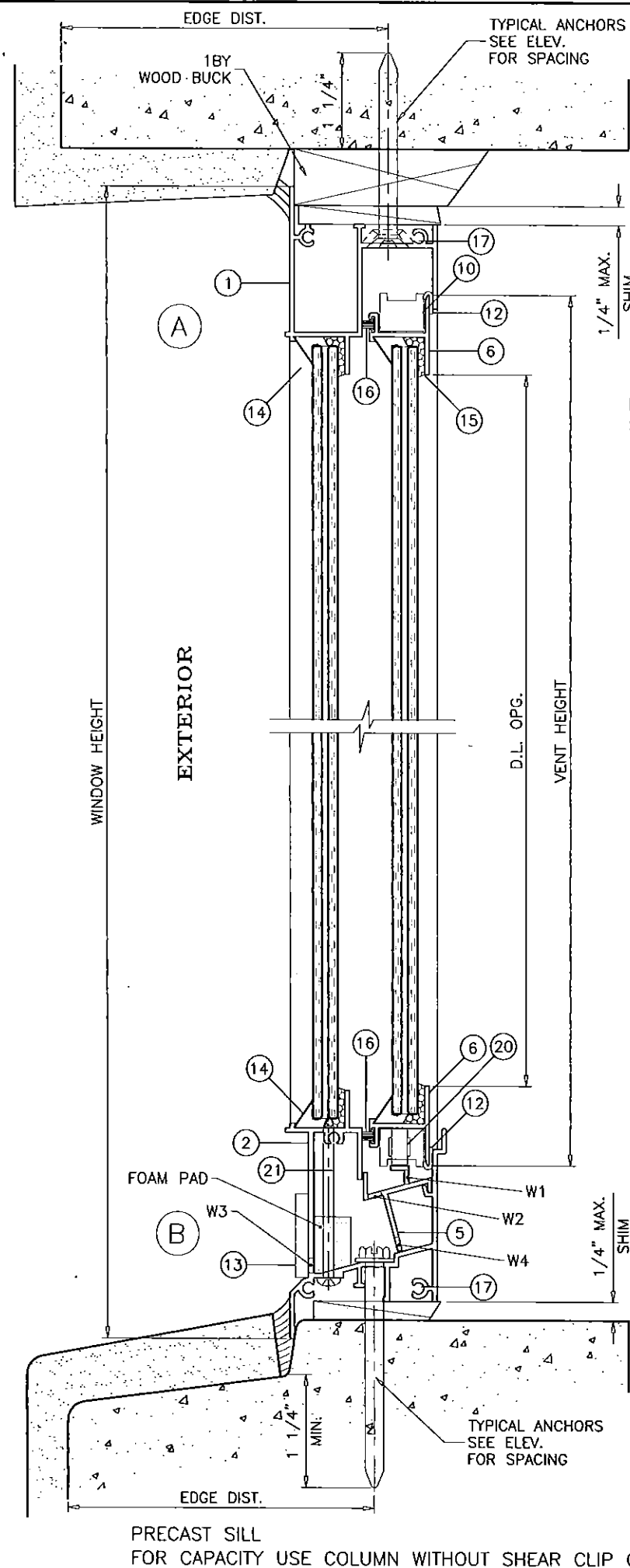
SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)  
**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
HIALEAH, FL 33010  
TEL. (305) 888-9631  
FAX. (305) 888-9969

revisions:	no	date	by	description
	A	02.27.12		UPDATED TO 2010 FBC
	B	02.27.15		UPDATED TO 2014 FBC
	C	07.13.15		REV. PER RER COMMENTS

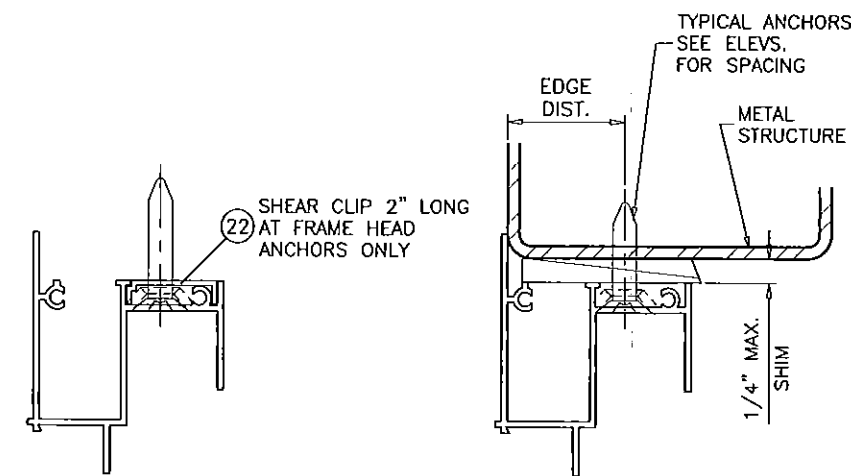
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dr. by: HAMID  
chk. by:

drawing no.  
**W07-59**

sheet 1 of 4



HEAD ANCHORS WITH SHEAR CLIPS  
SEE SHEET 1 FOR CAPACITY

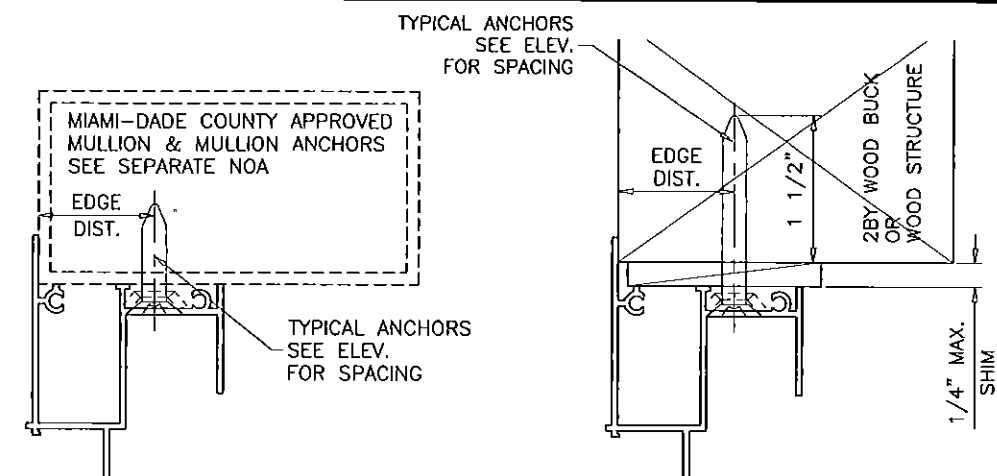
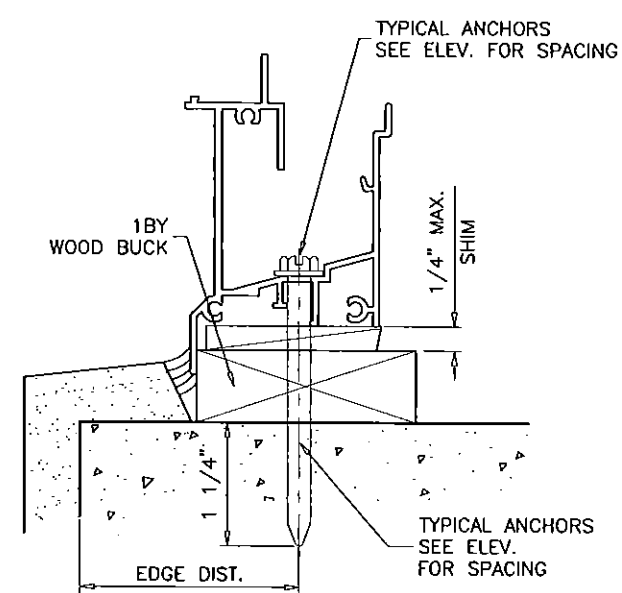


**SEALANTS:**

ALL FRAME CORNERS, FIXED MEETING RAIL AT EACH END, INSTALLATION SCREWS IN SILL AND JAMBS SEALED WITH ALUM COLORED SEALANT.

**WEEPHOLES:**

- W1 - 3/8" NOTCH IN LEG AT EACH END
- W2 - 3/16" X 2" NOTCH 4 PER SILL
- W3 - 3/16" X 2" NOTCH 3 AT XO & OX SIZES  
OPEN CELL FOAM PAD (1/2" X 3/4" X 3-1/4") AT EACH W3
- W4 - 1/2" X 1/8" NOTCH AT SILL TRACK  
AT 1-1/4" FROM EACH END (XO OR OX SIZES)



WOOD BUCKS AND METAL STRUCTURE NOT BY CURV-A-TECH  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM  
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

**1/4" DIA. ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL)  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY (JAMBS)  
**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)  
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")  
 INTO METAL STRUCTURES  
 STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 3/4" MIN.  
 WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.  
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 15-0409.14  
 Expiration Date 09/29/2018  
 By *Manuel Perez*  
 Miami Dade Product

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 O.A.N. 3538  
*JUL 14 2015*

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
 1235 S.W. 87 AVE  
 MIAMI, FLORIDA 33174  
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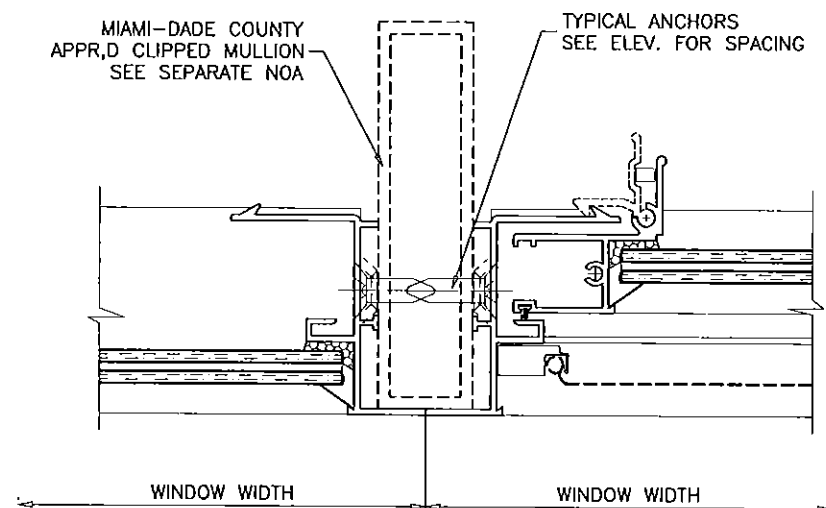
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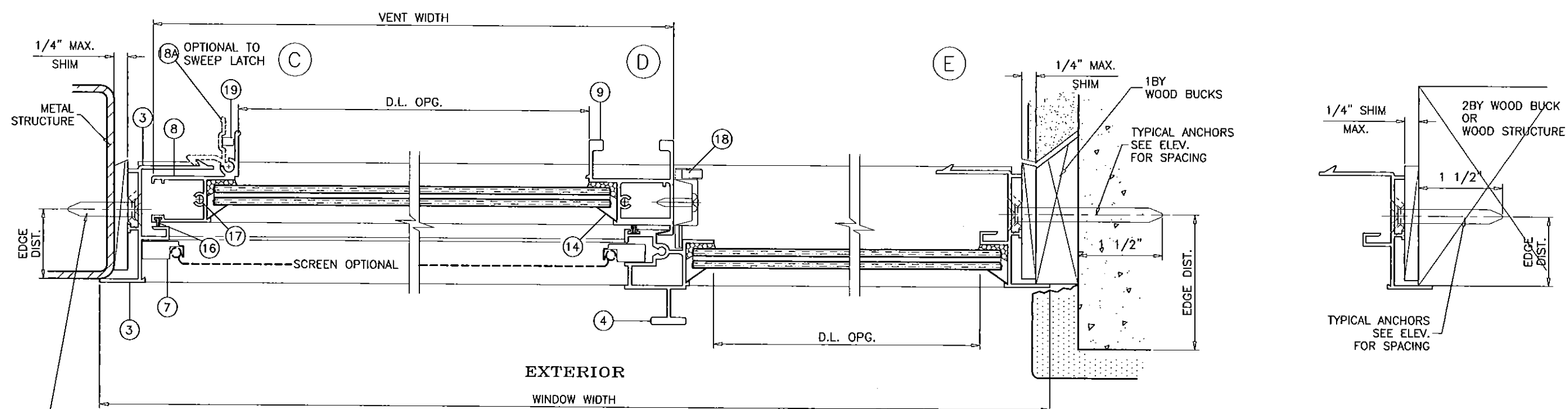
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date: 08-06-07  
 scale: 1/2" = 1"  
 dr. by: HAMID  
 chk. by:

drawing no.  
**W07-59**  
 sheet 2 of 4



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	10248	1	FRAME HEAD	6063-T6	-
2	10845	1	FRAME SILL	6063-T6	-
3	10847	2	FRAME JAMBS	6063-T6	-
4	11822	1/ VENT	H.D. FIXED MEETING RAIL	6063-T6	-
5	10846	1	SILL TRACK	6063-T5	-
6	10250	2/ VENT	VENT TOP/BOTTOM RAIL	6063-T6	-
7	-	1/ VENT	5/16" BOX SCREEN	-	-
8	10257	2/ VENT	VENT SIDE RAIL	6063-T6	-
9	11823	1/ VENT	H.D. VENT INTERLOCK RAIL	6063-T6	-
10	C-3055	4/ VENT	WHEEL HOUSING & GUIDE	NYLON	-
11	C-3056	2/ VENT	ROLLER PIN	ST. STEEL	-
12	C-3085	4/ VENT	VENT FACE GUIDE	NYLON	-
13	-	2/ WINDOW	WEEPHOLE HOUSING & FLAP	NYLON OR CELCON	-
14	-	AS REQD.	ROLL FORMED GLAZING BEAD	ALUMINUM	-
15	995	AS REQD.	GLAZING COMPOUND	SILICONE	DOW CORNING
16	7916-187	AS REQD.	FINSEAL WEATHER STRIP	-	-
17	#8 X 1"	AS REQD.	ASSEMBLY SCREWS	-	PHP SMS
18	-	2/ VENT	SWEEP LATCH	ZAMAK	AT 7-1/4" FROM EACH END
18A	10255	2/ VENT	ALUMINUM VENT LATCH	6063-T6	-
19	C-3081	4	LATCH SPRING CLIP	ST. STEEL	-
20	C-3057	3/ VENT	BRASS ROLLER	-	-
21	#8 X 3"	1/ VENT	FIX. RAIL BOTTOM SCREW	-	-
22	-	AS REQD.	SHEAR CLIP	6063-T6	2" LONG



XO LAYOUT  
OX OPPOSITE

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C	07.13.15		NO CHANGE THIS SHEET

date: 08-06-07

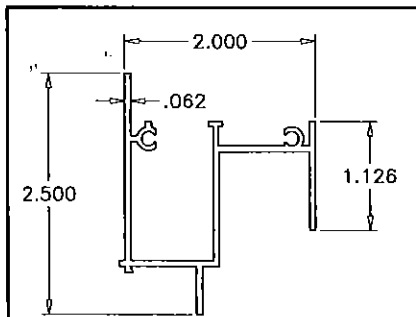
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dr. by: HAMID

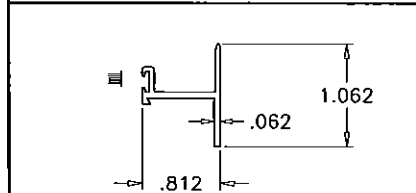
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drawing no.  
**W07-59**

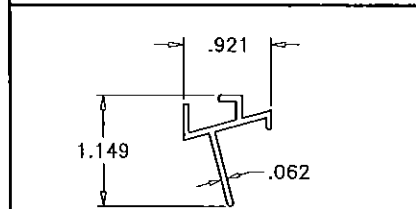
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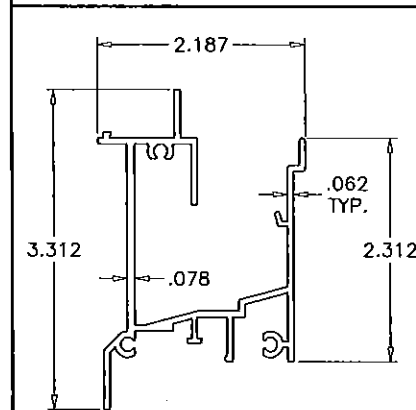
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FRAME HEAD  
10248  
6063-T5



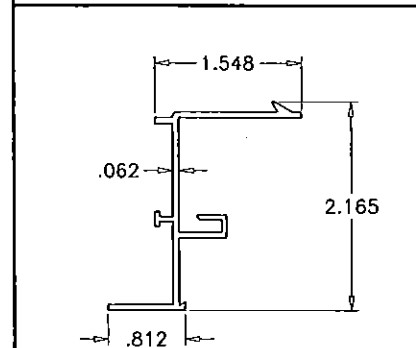
6  
VENT TOP/BOTTOM RAIL  
10250  
6063-T6



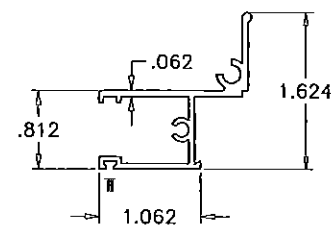
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SILL TRACK  
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6063-T5



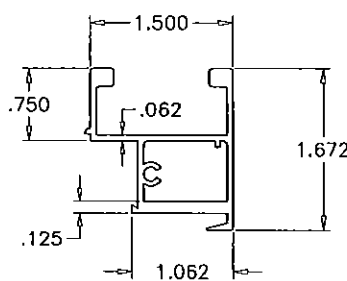
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10845  
6063-T5



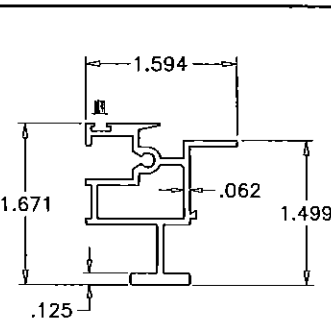
3  
FRAME JAMB  
10847  
6063-T5



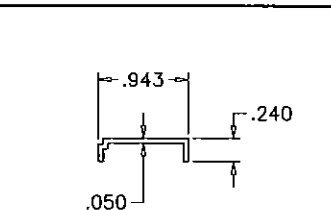
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VENT SIDE RAIL  
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6063-T6



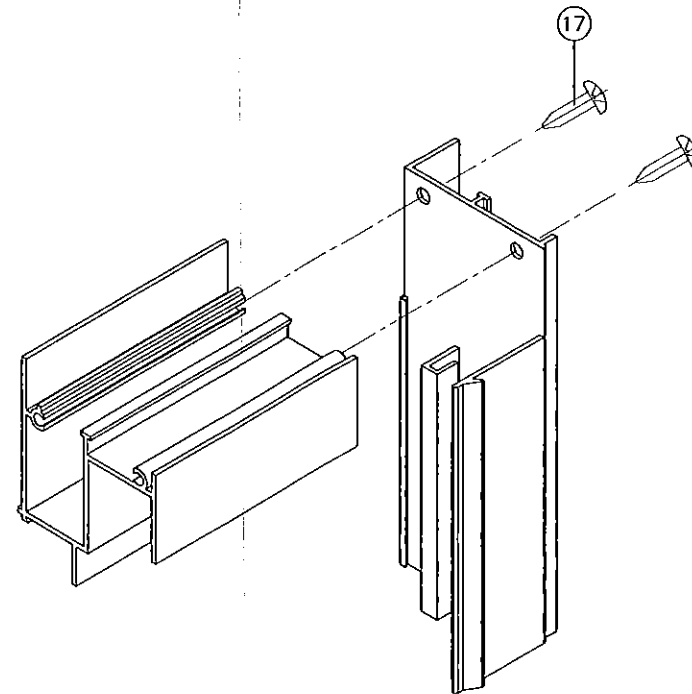
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H.D. VENT INTERLOCK RAIL  
11823  
6063-T6



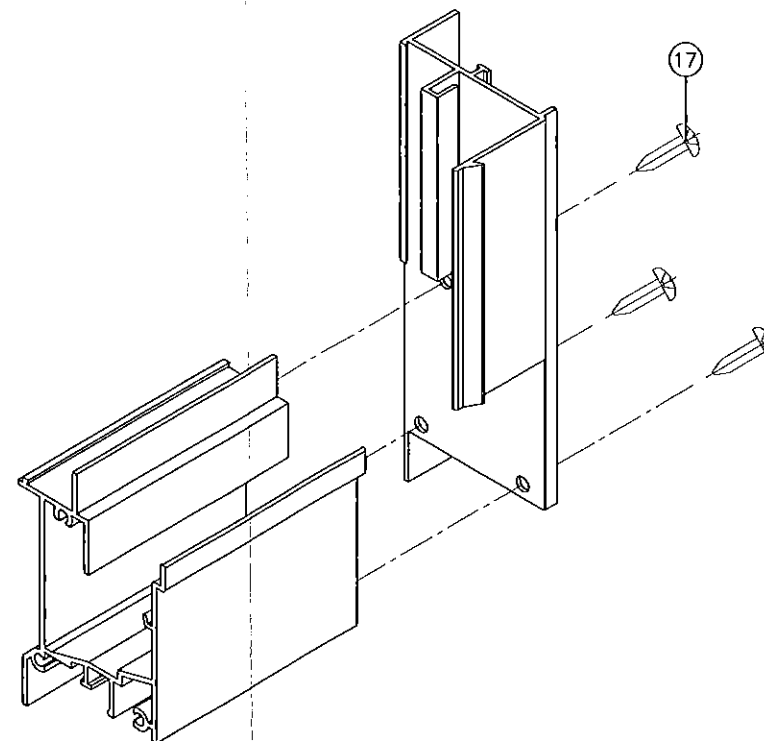
4  
H.D. FIXED MEETING RAIL  
11822  
6063-T6



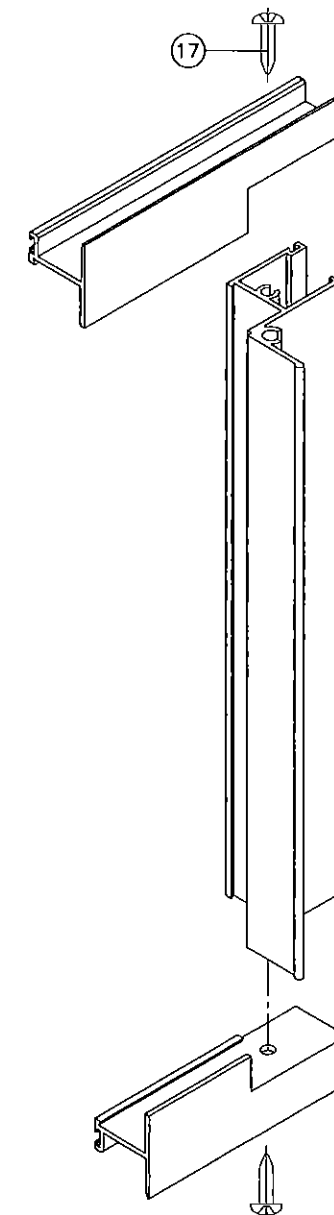
22  
SHEAR CLIP  
6063-T6



FRAME TOP CORNER



FRAME BOTTOM CORNER



VENT CORNER

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0409.14  
Expiration Date 09/27/2018  
By: *Manuel Sere*  
Miami/Dade Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*JUL 14 2015*

**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W07-59CC

SERIES-940 ALUM HORIZONTAL ROLLING WDW. (L.M.I.)  
**CURV-A-TECH CORPORATION**  
930 W. 23rd STREET  
HIALEAH, FL 33010  
TEL (305) 888-9631 FAX (305) 888-9969

no	date	by	description
A	02.27.12		NO CHANGE THIS SHEET
B	02.27.15		UPDATED TO 2014 FBC
C	07.13.15		NO CHANGE THIS SHEET

date: 08-06-07  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
W07-59

sheet 4 of 4